



REFRIGERATION PLANS CHECKLIST

Effective May 1, 2007

The following information is required on refrigeration plans submitted to the City of Las Vegas Building Department:

1. The refrigeration plans must be drawn to scale on substantial paper and be signed and sealed per NRS.
2. A complete material and equipment schedule, including the equipment make, model, compressor horsepower, equipment weight, refrigerant types, and quantities of refrigerant in each system, etc.
3. Provide cut sheets for all equipment.
4. Mounting details for all roof-mounted equipment.
5. Floor plan showing the location of all equipment and piping. Roof plan showing the location of all racks and condensers.
6. Plans for all freezers and coolers. If a rack or racks are used, provide complete plans.
7. Plans must show the location of all coils and condensate lines, including freeze protection.
8. Plans must provide calculations showing conformance with 2006 UMC 1105.2 for all applicable rooms and spaces.
9. If refrigerated process or storage areas are not exempt from the quantities of Table 11-1, they must conform to 2006 UMC 1105.3 and the 2006 IBC Section 1015.4:
 - a. Each room or space over 1000 square feet must have 2 exits or exit access doors.
 - b. All portions of the room or space must be within 150 feet of an exit or exit access doorway. Increased travel distance must conform to 2006 IBC Section 1016.1.
 - c. The room or space must have a vapor detection and alarm system.
 - d. The room or space must be sealed from all other portions of the building.
10. If a refrigeration machinery room is required, it must conform to all the requirements of the 2006 UMC Chapter 11, and plans must demonstrate compliance.